In the Claims:

1. (Currently amended) A portable device ~~system~~ for the delivery of medicament comprising

a housing;

received by said housing, a medicament container;

associated with said medicament container, a dispensing mechanism for dispensing medicament from the medicament container;

provided to the housing, an electronic data management system comprising

a memory for storage of data;

a microprocessor for performing operations on said data; and

a transmitter for transmitting a signal relating to the data or the outcome of an operation on the data; and

associated with the electronic data management system, a communicator for wireless communication with a remote network computer system to enable two-way transfer of data between the network computer system and the electronic data management system.

2. (Cancelled)

3. (Currently amended) A portable device ~~system~~ according to Claim 1, wherein the data is communicable between the network computer system and the electronic data management system in encrypted form.

4. (Currently amended) A portable device ~~system~~ according to Claim 1, wherein the communicator employs radiofrequency or optical signals.

5. (Currently amended) A portable device ~~system~~ according to Claim 1, wherein the communicator communicates with the network computer system via a gateway thereto.

6. (Currently amended) A portable device ~~system~~ according to Claim 1, wherein the communicator includes an embedded network server.

7. (Currently amended) A portable device ~~system~~ according to Claim 1, wherein the communicator communicates with the network computer system via a second communications device having telecommunications capability.

8. (Currently amended) A portable device ~~system~~ according to claim 7, wherein the telecommunications device comprises a cellular phone or pager.

618

9. (Currently amended) A portable device ~~system~~ according to Claim ~~7~~6, wherein the communicator communicates with the second communications device using spread spectrum radiofrequency signals.

10. (Currently amended) A portable device ~~system~~ according to Claim 1, wherein the network computer system comprises a public access network computer system.

11. (Currently amended) A portable device ~~system~~ according to Claim 1, wherein the network computer system comprises a private access network computer system.

12. (Currently amended) A portable device ~~system~~ according to Claim 1, wherein the communicator enables communication with a user-specific network address in the network computer system.

13. (Currently amended) A portable device ~~system~~ according to claim 12, wherein the user-specific network address is selected from the group consisting of a web-site address, an e-mail address and a file transfer protocol address.

14. (Currently amended) A portable device ~~system~~ according Claim 12, wherein the user-specific network address is accessible to a remote information source such that information from said remote information source can be made available ~~there~~to said user-specific network address.

15. (Currently amended) A portable device ~~system~~ according to claim 14, wherein information from the user-specific network address can be made available to the remote information source.

16. (Currently amended) A portable device ~~system~~ according to Claim 14, wherein the remote information source is a medicament prescriber.

17. (Currently amended) A portable device ~~system~~ according to Claim 14, wherein the remote information source is a pharmacy.

678

18. (Currently amended) A portable device ~~system~~ according to Claim 14, wherein the remote information source is an emergency assistance provider.

19. (Currently amended) A portable device ~~system~~ according to Claim 14, wherein the remote information source is a manufacturer of medicament or medicament delivery systems.

20. (Currently amended) A portable device ~~system~~ according to Claim 14, wherein the remote information source is a research establishment.

21. (Currently amended) A portable device ~~system~~ according to claim 14~~15~~, wherein the remote information source is an environmental monitoring station.

22. (Currently amended) A portable device ~~system~~ according to Claim 1, additionally comprising a datalink for linking to a local data store to enable communication of data between the local data store and the microprocessor.

23. (Currently amended) A portable device ~~system~~ according to claim 22, wherein the datalink comprises an infrared emitter and sensor.

24. (Currently amended) A portable device ~~system~~ according to Claim 22, wherein the local data store comprises a personal computer or set-top box.

25. (Currently amended) A portable device ~~system~~ according to Claim 1, additionally comprising a data input system for user input of data to the electronic data management system.

26. (Currently amended)A portable device ~~system~~ according to claim 25, wherein said data input system comprises a man machine interface selected from the group consisting of a keypad, voice recognition interface, graphical user interface (GUI) or biometrics interface.

b18

27. (Currently amended) A portable device ~~system~~ according to Claim 1, additionally comprising a display for display of data from the electronic data management system to the user.

28. (Currently amended) A portable device ~~system~~ according to Claim 1, wherein said electronic data management system includes a predictive algorithm or look-up table for calculating the optimum amount of medicament to dispense.

29. (Currently amended) A portable device ~~system~~ according to claim 28, wherein the memory includes a dose memory for storing dosage data and reference is made to the dose memory in calculating the optimum amount of medicament to dispense.

30 – 32 (Cancelled)

33. (Currently amended) A portable device ~~system~~ according to Claim 1, additionally comprising a detector for detecting dispensing from the medicament container, wherein said detector communicates dispensing data to the electronic data management system.

34. (Currently amended) A portable device ~~system~~ according to Claim 1, additionally comprising a geographic positioning system.

35. (Currently amended) A portable device ~~system~~ for the delivery of inhalable medicament according to Claim 1 additionally comprising a sensor which senses the breath of a user, wherein the sensor communicates breath data to the electronic data management system.

36. (Currently amended) A portable device ~~system~~ according to claim 35, wherein said sensor comprises a breath-movable element which is movable in response to the breath of a patient.

b18

37. (Currently amended) A portable device ~~system~~ according to claim 36, wherein said breath-movable element is selected from the group consisting of a vane, a sail, a piston and an impeller.

38. (Currently amended) A portable device ~~system~~ according to claim 35, wherein the sensor comprises a pressure sensor for sensing the pressure profile associated with the breath of a user.

39. (Currently amended) A portable device ~~system~~ according to claim 35, wherein the sensor comprises an airflow sensor for sensing the airflow profile associated with the breath of a user.

40. (Currently amended) A portable device ~~system~~ according to claim 35, wherein the sensor comprises a temperature sensor for sensing the temperature profile associated with the breath of a user.

41. (Currently amended) A portable device ~~system~~ according to claim 35, wherein the sensor comprises a moisture sensor for sensing the moisture profile associated with the breath of a user.

42. (Currently amended) A portable device ~~system~~ according to claim 35, wherein the sensor comprises a gas sensor for sensing the oxygen or carbon dioxide profile associated with the breath of a user.

43. (Currently amended) A portable device ~~system~~ according to Claim 35, wherein said breath data includes breath cycle data.

44. (Currently amended) A portable device ~~system~~ according to Claim 35, wherein said breath data includes peak flow data.

45. (Currently amended) A portable device ~~system~~ according to Claim 35, additionally comprising an actuator for actuating the dispensing mechanism, said actuator being actuable in response to a trigger signal from the transmitter.

678

46. (Currently amended) A portable device ~~system~~ according to claim 45, wherein the electronic data management system includes a predictive algorithm or look-up table for deriving from the breath data when to transmit the trigger signal.

47. (Currently amended) A portable device ~~system~~ according to Claim 35, wherein said medicament container is an aerosol container and the dispensing mechanism is an aerosol valve.

48. (Currently amended) A portable device ~~system~~ according to Claim 35, wherein said medicament container is a dry-powder container.

49. (Currently amended) A portable device ~~system~~ according to Claim 45, wherein said actuator comprises an energy store for storing energy which energy is releasable to actuate the dispensing mechanism of the medicament container.

50-51. (Cancelled).